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EAST GERMANY INCREASING ITS HEAVY INDUSTRY

START ON FIRST HIGH-GRADE STEEL MILL -- Plauen, Freie Presse, 4 Jan 51

Construction of the first high-grade-steel mill under the Five-Year Plan has been started at the Doehlen Metallurgical Plant near Dresden. Parts of this mill, the forge plant, the rolling mill, and a complete steel foundry, will be in operation in 1951. After completion, the high-grade-steel mill, which is of great importance for carrying out the Five-Year Plan, will turn out steel for tools, rustproof steel, steel for high-speed cutting, and special purpose steels. Production of this mill will not only satisfy East Germany's domestic demands, but will also be an important export factor.

According to Ludwig, manager of the Doehlen Metallurgical Plant, the mill will be constructed in accordance with the most up-to-date principles. Professor Maurer from Hennigsdorf and Professors Ehmicke and Netter from the Freiberg Mining Academy took part in planning for this steel mill.

In spite of increased worker productivity and the use of most modern technical aids, it is planned to employ 4,000 workers in this mill.

THIRD CUPOLA FURNACE IN OPERATION -- Berlin, Taegliche Rundschau, 13 Jan 51

The third cupola furnace at the Dresden-Doelzschen Forge Plant was completed on 12 January 1951, ahead of schedule. The plant manager, chief engineer Fritz Naumann, has developed a new moulding process for East German foundries.

TO UP OUTPUT OF HEAVY MACHINERY -- Berlin, Nachrichten fuer Aussenhandel, 6 Dec 50

Production of lathes with faceplates 4 meters in diameter was started in the German Democratic Republic recently. It is planned to produce 165 of these lathes in 1955. Production of parallel-planing machines is to be raised from 42 in 1950 to 135 in 1955. Output of 300-millimeter height of center lathes is to be raised from 240 in 1950 to 1,000 in 1955. Heavy gear production is to be raised from 180 to 11,500. Construction of portal milling machines is to be started.

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One of the most important enterprises for carrying out the machine-building industry's program is the Abus Plant in Wildau, which manufactures metallurgical equipment. The former Schwarzkopffwerke Plant has been enlarged for this type of product. The Bergmann-Borsig Plant in Berlin will turn out electric power machinery. Steel construction plants in Leipzig and Koethen will turn out conveyers and excavators. Large machine-tools will be produced by the Niles Plants in Siegmar-Schoenau and in Weissensee, by the Meuselwitz Machine Factory, and by a gear-cutting machine factory in Chemnitz.

DISPLAY OF MACHINERY AT THE LEIPZIG FAIR -- Schwerin, Landes-Zeitung, 19 Jan 50

The Krupp-Gruson Machine Factory in Magdeburg will display some of its products at the Leipzig Spring Fair. Among the products displayed will be a stone crusher with a capacity of 115 cubic meters per hour, vulcanizers for the production of automobile and tractor tires, a large mixer for processing raw rubber, and a stranding machine for high-voltage cables.

The Buckau-Wolf Machine Factory in Magdeburg will display newly developed 200-horsepower and 400-horsepower diesel engines to be used in fishing boats, a disk filter for the chemical industry, and a new type of mobile excavator with a capacity of 180 cubic meters per hour which is especially suitable in swampy terrain.

TO INCREASE COPPER PRODUCTION -- Berlin, Der Volksbetrieb, 2 Nov 50

Extensive work on enlarging existing installations and adding new ones has been started in the Mansfeld copper mines. Special attention is being paid to enlarging ore-smelting works in order to make it possible to process the increased quantity of ore to be mined during the Five-Year Plan period.

All shaft furnaces at the Kochhuette Metallurgical Plant in Helbra are being converted simultaneously into water-jacket furnaces. A second brass converter is being installed in the Hettstedt Bessemer converter plant for treating nonferrous scrap. A second silver smelter is to be installed in the Hettstedt silver smelting plant. The number of workers in the Mansfeld metallurgical plants will be raised by approximately 25 percent.

NEW METALLURGICAL PLANT -- Berlin, Der Volksbetrieb, 2 Oct 50

According to the Main Department for Metallurgy of the Ministry for Industry in the German Democratic Republic, preparatory work has been started on the construction of a new metallurgical plant near Calbe/Saale. This plant will produce pig iron from domestic sources. The ore for this plant will be obtained from ore deposits to be opened up within the Five-Year Plan period. Ten short-shaft blast furnaces (Niederschachtofen) and five-tier batteries are planned for the production of foundry iron.

Simultaneously, an electric power plant which will turn over the greater part of its output to the central German power network will be built. A cement factory will be built to process the slag from the metallurgical plant. Operation of the first battery and its installations will start in 1951.

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